



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/517,745	12/09/2004	Ewald Bergler	AT02 0032 US	6073
65913	7550	02/26/2009		
NXP, B.V. NXP INTELLECTUAL PROPERTY DEPARTMENT M/S41-SJ 1109 MCKAY DRIVE SAN JOSE, CA 95131			EXAMINER MALEK, LEILA	
			ART UNIT 2611	PAPER NUMBER
			NOTIFICATION DATE 02/26/2009	DELIVERY MODE ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

ip.department.us@nxp.com

DETAILED ACTION

Response to Arguments

Applicant's arguments filed on 02/05/2009 have been fully considered but they are not persuasive.

Applicant's argument: Applicant argues that "while Applicant agrees that "it is always desirable in communication systems to reduce the distortions of the signal," Applicant fails to see how this desired reduction of signal distortions will motivate one of ordinary skill in the art to make the proposed modifications when the resulting device will be unsatisfactory for its intended purpose."

Examiner's Response: Examiner asserts that the data carrier device described in the background of invention has been designed to communicate carrier signal in a contactless manner with a read/write station. The modified device would still serve its intended purpose. Distortion reduction would only improve the quality of carrier signal in this communication system and would not change the principle of operation of the device described in the background of invention.

Applicant's Argument: Applicant argues that the waveform shaper 10 described by Umehara operates on a particular signal, i.e., horizontal flyback pulses, to change the signal into a desired waveform, i.e., a sawtooth waveform. However, the data carrier 1 of AAPA and the waveform shaping apparatus 11 of Kojima et al. do not use horizontal flyback pulse.

Examiner's Response: In response to Applicant's argument, Examiner asserts that Umehara does not state that his scope of invention is limited to using only flyback

signals. Therefore, the apparatus described by Umehara can be combined with the background of invention and reference Kojima.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to LEILA MALEK whose telephone number is (571)272-8731. The examiner can normally be reached on 9AM-5:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mohammad Ghayour can be reached on 571-272-3021. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Leila Malek
Examiner
Art Unit 2611

/L. M./

Application/Control Number: 10/517,745

Page 4

Art Unit: 2611

/Leila Malek/

Examiner, Art Unit 2611